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ABSTRACT

Information in the report is taken from FY 1973 annual vocational education reports submitted by States and major cities and from the 1970 census report. The material indicates the proportion of the States' population served by vocational education in the major cities and the expenditures that were made for vocational education. The total vocational enrollment for the State and city is reported with a breakdown by educational level and number of disadvantaged and handicapped enrollees. The expenditures for vocational education are reported by Federal and State/local sources, by total amount allocated to each level of education, and by total amount allocated to the disadvantaged and the handicapped. For States having more than one major city, a total is compiled with a percentage for the total indicated. Information on 56 major cities in 31 States is included. The cities range in population from (Charlotte) 211,178 to (Chicago) 3,366,957. No data is reported from New York City, Buffalo, Rochester, and Richmond. Information indicates that the major cities generally provide a reasonable proportion of their States' vocational education and as a whole have about the same share of the national enrollments as the population. (MW)

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FOREWORD

The information presented in this report, the fourth in the "Vocational Education Information" series, is taken from FY 1973 annual vocational education reports submitted by the States and the major cities. Population data are taken from the 1970 Census Report.

The purpose of the material is to give some indication as to the States' population served by vocational education in the major cities and the expenditures that were made for vocational education. The total vocational enrollment for the State and city is reported with a breakdown by level of education and the number of enrollees who are disadvantaged and handicapped. The expenditures for vocational education are reported by Federal and State/local sources, by the total amount of expenditures allocated to each level of education, and by the total amount allocated to the disadvantaged and the handicapped. For States having more than one major city, a total is compiled with a percentage for the total indicated. Due to rounding, the percentage for the State does not always equal the sum of the city percentages. Information on 56 major cities in 31 States is included and range in population from (Charlotte) 211,178 to (Chicago) 3,366,957. Reports were not received for 4 of the 60 biggest cities, as identified by the Census: New York City, Buffalo, Rochester, and Richmond (less than 250,000 population). For a few cities the data are incomplete and are so indicated on the tables.

Caution must be used in making comparisons of cities from one State to another, particularly as they relate to expenditure data. Because of the variations in administrative policies and procedures as related to State aid, priorities, allocations for construction, size of programs, intensity of programs, and funds used for matching, expenditures per unit may vary widely between States.

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SUMMARY

Information presented in the series of tables indicates that the major cities within the States generally provide a reasonable proportion of their States' vocational education and as a whole have about the same share of the national enrollments as the population. In the following is shown the relative amount of vocational education effort in major cities expressed as a percentage of the U.S. total. FY 1971 and 1972 are included for comparison. The rather large percentage decrease in vocational education enrollment in 1973 occurred mainly from a change in reporting procedures in Chicago.

Item	FY 1971 Percent in 42 Cities	FY 1972 Percent in 55 Cities	FY 1973 Percent in 56 Cities
Population	12.3	16.5	16.8
Enrollment-Total	14.3	21.0 1/	15.3
Enrollment-Secondary	16.1	19.2 1/	12.3
Enrollment-Postsecondary	9.7	24.4 1/	22.8
Enrollment-Adult	13.6	23.6 1/	19.1
Enrollment-Disadvantaged	18.0	25.7 1/	24.0
Enrollment-Handicapped	8.2	19.9 1/	16.0
Expenditures-Total	9.8	13.1	12.8 3/
Expenditures-Federal	8.0	11.3	11.5 3/
Expenditures-State/Local	10.1	13.5	13.1 3/
Expenditures-Secondary	9.2	11.8	11.4 3/
Expenditures-Postsecondary	8.8	14.5	14.7 3/
Expenditures-Adult	16.5	20.1	19.9 3/
Expenditures-Disadvantaged	11.0	16.4	17.0 3/
Expenditures-Handicapped	12.0	13.7	13.0 3/
Teachers	11.1	15.1 2/	16.7 4/

1/ Baltimore not included.
2/ Baltimore, Jersey City, and Newark not included.
3/ Dayton not included.
4/ Jersey City and Newark not included.

Table 1 - Vocational Education Enrollment Related to Population, FY 1973

The major cities are making a sizable effort in meeting the States' need for vocational education. The proportion of the States' enrollment in major cities was slightly less than the proportion of the States' population, as revealed by the total of all cities of 15.3 percent of the enrollment compared to 16.8 percent of the population. This compares with 21.0 percent and 16.5 percent respectively in FY 1972.

Of the 56 cities reporting, 24 had a higher percentage of their States' enrollment than of their population with the following cities

having an enrollment percentage which exceeds their population percentage by over 5 points: Honolulu (32.8), Phoenix (22.6), Portland (10.9), Miami (10.2), Denver (9.8).

Looking at the enrollment as a percent of the population, it is noted that the major cities in total serve 5.4 percent of their population as compared with the national enrollment of 5.9 percent of the total U.S. population. Twenty-three cities enroll a higher percentage of their city populations than the States do of their populations. Cities exceeding their State's percentage enrollment by more than 5 points are: Miami (21.6), Tampa (10.5), Toledo (6.6), Dayton (6.6), Phoenix (5.2).

Table 2 - Amount and Percentage of States' Vocational Education Expenditures in Major Cities, by Source

Comparing expenditures with enrollment, it is indicated that 37 cities had a lower percentage of their State's total vocational education expenditures than the percentage of their State's enrollment. The total expenditures of all cities were 2.9 percentage points less than the enrollment of all cities. In Baltimore and Los Angeles the percentage of expenditures exceeded enrollment by 8.9 and 5.2 percentage points respectively, while in the following cities the percentage of expenditures was over 5 points less than their enrollment percentages: Phoenix (26.0), Denver (18.0), Dallas (6.5), Honolulu (6.2), Boston (5.4), Memphis (5.3), Detroit (5.2), Toledo (5.0). A review of Federal expenditures shows that 39 cities also received less Federal funds than their percentage of enrollment.

A comparison of Federal with State and local expenditures shows that 35 cities had a higher percentage of State and local effort than of Federal funding.

Table 3 - Secondary Vocational Education Enrollment Relates to Expenditures

The total secondary expenditures in major cities was 0.9 percentage points less than the secondary enrollment. Twenty-five cities expended a lesser percentage of their State's secondary funds than their percentage of secondary enrollment.

Even though there was a wide variation in expenditures among major cities within a State, the data generally indicate more efficient programs in major cities. Twenty-nine cities had a smaller expenditure per secondary enrollee than the State figure and the average of all cities was $19 less than the national average of $271 per enrollee.

In comparing secondary enrollment with total enrollment in Table 1 we find 17 cities had a higher percentage of their State's secondary enrollment than their percentage of the State's total enrollment.

Table 4 - Postsecondary Vocational Education Enrollment Related to Expenditures

A comparison of postsecondary enrollments with total enrollment shows that the major cities in total had 7.5 percentage points more of the U.S. total postsecondary enrollment than of the total enrollment. Similarly, 25 cities exceeded their State's total enrollment percentage in Table 1. It is evident that in many States the major cities provide a large share of the postsecondary programs. For example, the following cities had over 10 points higher percentage of postsecondary than their total enrollment: Chicago, New Orleans, Kansas City, Albuquerque, Portland, and Milwaukee. In the States of Arizona, California, Florida, Hawaii, Illinois, Louisiana, Missouri, New Mexico, Oregon, Tennessee, Texas, and Wisconsin the cities account for more than 25 percent of their State's postsecondary enrollment.

The table shows that 41 cities expended a lesser percentage of their State's postsecondary expenditures than their enrollment percentage and for all cities the percentage expenditure was 14.7 compared to 22.8 for enrollment.

Expenditures per postsecondary enrollee in all cities was $405 as compared to $624 for all U.S. postsecondary enrollment. By city the expenditure data varies widely and apparently is not entirely complete. Thirty-six cities expended less per enrollee than did their State.

Table 5 - Adult Vocational Education Enrollment Related to Expenditures

Comparing adult enrollment with total enrollment in Table 1, we find that the major cities provide a large portion of the States' adult enrollment. In fact, 34 cities had a higher percentage of their State's adult than their total enrollment and the total of all cities (19.1 percent) exceeded by 3.8 percentage points the U.S. total enrollment figure (15.3 percent). Denver, Honolulu, and Albuquerque had over 50 percent of their State's adult enrollment, with the cities in Arizona, California, Florida, Illinois, Minnesota, Tennessee, and Texas having over 25 percent of their State's enrollment.

The table shows that 26 cities expended a lesser percentage of their State's adult expenditures than their enrollment percentage and for all cities the percentage expenditure was 19.9 compared to 19.1 for enrollment.

Expenditures per adult enrollee in all cities was $59 as compared to $56 for all U.S. adult enrollment and 30 cities expended less per enrollee than did their State.

Table 6 - Vocational Education Enrollment of Disadvantaged Related to Expenditures

Comparing disadvantaged enrollment with total enrollment, we note that the major cities had a larger portion of their State's disadvantaged than their State's total enrollment by 9.3 percentage points. Forty of the 56 cities reporting had a higher percentage of their State's disadvantaged than of their State's total enrollment.

The table reveals that 29 cities had a lesser percentage of the State's expenditures for disadvantaged than of the State's disadvantaged enrollment, with all cities combined being 7.0 percentage points less.

There is evident a wide variation in expenditures per enrollee due to a number of factors which must be carefully evaluated.

Table 7 - Vocational Education Enrollment of Handicapped Related to Expenditures

The table indicates that the major cities had a slightly higher proportion of the State's handicapped than their State's total enrollment. Nineteen cities had a higher percentage of their State's handicapped than their State's total enrollment.

Programs for the handicapped were operated with a smaller proportion of the expenditures. While the cities had 16.0 percent of the total handicapped enrollment, they used only 13.0 percent of the total expenditures.

Table 8 - Number and Percentage of States' Vocational Education Teachers in Major Cities and Relationship to Enrollment

Comparing teachers with enrollment, 17 of the 54 cities reporting had a lower percentage of their State's teachers than they did of their State's enrollment. The total number of teachers in the 54 cities represents 16.7 percent of all U.S. teachers compared to their enrollment which is 15.7 percent of the U.S. total.

Even though enrollment per teacher varies widely among States and cities in States, due to intensity of programs and the number of part-time teachers, the overall average is slightly less in major cities than in other areas. While the average enrollment for total U.S. vocational teachers was 49.6, the city average was 46.5. Similarly, of the 30 States with major cities the average for cities was less than the respective State averages in 20 States.

Table 9 - Number and Percentage of States' Total Program Completions and Placements in Major Cities

The major cities reports indicate that program completions as a percent of their State's total are fairly consistent with their total enrollment. Twenty cities of the 38 reporting had a higher percentage of their State's completions than of their State's enrollment.

The number of placements in full-time employment in the field trained or related, as indicated by the percentages of their State's total, with few exceptions compares quite favorably with the number of completions. Twenty cities had a higher percentage of placements than completions.

Table 10 - Cities Ranked on Selected Items, Vocational Education

This table summarizes city data, included in the previous tables, in rank order. Using the rank of the city population (1-56) as the base, the rank in vocational education data may be compared and there is revealed the variations in emphasis given to vocational education.

Generally cities deviate from their population less in enrollment and teachers than in expenditures and completions. Because certain data are not reported for some cities, the ranking is distorted by giving a higher rank than normal particularly to the cities with smaller populations.

As exemplified by Miami, some cities exceeded their population rank in all items. Others are: Honolulu, St. Paul, Tampa, Albuquerque, and Charlotte. Cities exceeding their population in expenditures (3 items) are: Baltimore, Seattle, Pittsburgh, Toledo, Portland, Oakland, Long Beach, Akron, Sacramento, and Tucson. Cities exceeding their population in enrollment (3 items) are: Dallas, San Diego, Jacksonville, Atlanta, Toledo, Portland, Newark, Norfolk, Wichita, Akron, Tucson, Sacramento, Austin, and Dayton.

Table 1 - VOCATIONAL EDUCATION ENROLLMENT RELATED TO POPULATION, FY 1973

State and City	1970 Population	Percentage in City	Total Vocational Education Enrollment	Percentage in City	Enrollment As Percent of Population
U.S. Total	204,765,770	100.0	12,072,445	100.0	5.9
Major City Total	34,298,824	16.8	1,850,622	15.3	5.4
Alabama	3,444,165	100.0	186,197	100.0	5.4
Birmingham	300,910	8.7	6,434	3.5	2.1
Arizona	1,772,482	100.0	134,991	100.0	7.6
Phoenix	581,562	32.8	74,611	55.4	12.8
Tucson	262,933	14.8	22,271	16.5	8.5
Total	844,495	47.6	96,882	71.9	11.5
California	19,953,134	100.0	1,227,757	100.0	6.2
Long Beach	358,633	1.8	25,388	2.1	7.1
Los Angeles	2,814,152	14.1	151,294	12.3	5.4
Oakland	361,561	1.8	37,893	3.1	10.5
Sacramento	254,413	1.3	20,595	1.7	8.1
San Diego	696,769	3.5	61,161	5.0	8.8
San Francisco	715,674	3.6	34,525	2.8	4.8
San Jose	445,779	2.2	27,496	2.2	6.2
Total	5,646,981	28.3	358,352	29.2	6.3
Colorado	2,207,259	100.0	109,399	100.0	5.0
Denver	514,678	23.3	36,199	33.1	7.0
Washington, D.C.	756,510	100.0	16,229	100.0	2.5
Florida	6,789,443	100.0	709,006	100.0	10.4
Jacksonville	528,865	7.8	72,236	10.2	13.7
Miami	334,859	4.9	107,084	15.1	32.0
Tampa	277,767	4.1	58,177	8.2	20.9
Total	1,141,491	16.8	237,497	33.5	20.8
Georgia	4,589,575	100.0	344,077	100.0	7.5
Atlanta	496,973	10.8	27,916	8.1	5.6
Hawaii	769,913	100.0	43,094	100.0	5.6
Honolulu	324,871	42.2	32,970	75.0	10.1
Illinois	11,113,976	100.0	1,090,622	100.0	9.8
Chicago	3,366,957	30.3	164,019	15.0	4.9
Indiana	5,193,669	100.0	157,352	100.0	3.0
Indianapolis	744,626	14.3	6,266	4.0	0.8
Kansas	2,249,071	100.0	98,082	100.0	4.4
Wichita	276,554	12.3	16,178	16.5	5.8
Kentucky	3,219,311	100.0	185,319	100.0	5.8
Louisville	361,472	11.2	21,182	11.4	5.9
Louisiana	3,643,180	100.0	185,038	100.0	5.1
New Orleans	593,471	16.3	17,180	9.3	3.0
Maryland	3,922,399	100.0	232,013	100.0	5.9
Baltimore	905,759	23.1	38,948	16.8	4.3
Massachusetts	5,689,170	100.0	176,058	100.0	3.1
Boston	641,071	11.3	17,056	9.7	2.7
Michigan	8,875,083	100.0	351,073	100.0	4.0
Detroit	1,511,482	17.0	36,350	10.4	2.4
Minnesota	3,805,069	100.0	296,424	100.0	7.8
Minneapolis	434,400	11.4	20,283	6.8	4.7
St. Paul	309,980	8.1	24,779	8.4	8.0
Total	744,380	19.5	45,062	15.2	6.1

Table 1 - VOCATIONAL EDUCATION ENROLLMENT RELATED TO POPULATION, FY 1973 (Cont'd)

State and City	1970 Population	Percentage in City	Total Vocational Education Enrollment	Percentage in City	Enrollment As Percent of Population
Missouri	4,677,399	100.0	103,480	100.0	2.2
Kansas City	507,087	10.8	5,682	5.5	1.1
St. Louis	622,236	13.3	10,799	10.4	1.7
Total	1,129,323	24.1	16,481	15.9	1.5
Nebraska	1,483,791	100.0	83,978	100.0	5.7
Omaha	347,328	23.4	15,097	18.0	4.3
New Jersey	7,168,164	100.0	363,506	100.0	5.1
Jersey City	260,545	3.6	6,731	1.9	2.6
Newark	382,417	5.3	21,498	5.9	5.6
Total	642,962	8.9	28,229	7.8	4.4
New Mexico	1,016,000	100.0	65,978	100.0	6.5
Albuquerque	243,751	24.0	16,131	24.4	6.6
North Carolina	5,082,059	100.0	544,615	100.0	10.7
Charlotte	241,178	4.7	31,211	5.7	12.9
Ohio	10,652,017	100.0	586,682	100.0	5.5
Akron	275,425	2.6	16,257	2.8	5.9
Cincinnati	452,524	4.2	17,720	3.0	3.9
Cleveland	750,903	7.0	39,484	6.7	5.3
Columbus	539,677	5.1	14,952	2.5	2.8
Dayton	243,601	2.3	30,093	5.1	12.4
Toledo	383,818	3.6	46,264	7.9	12.1
Total	2,645,948	24.8	164,770	28.1	6.2
Oklahoma	2,559,253	100.0	112,365	100.0	4.4
Oklahoma City	366,481	14.3	8,750	7.8	2.4
Tulsa	331,638	13.0	5,169	4.6	1.6
Total	698,119	27.3	13,919	12.4	2.0
Oregon	2,091,385	100.0	129,811	100.0	6.2
Portland	382,619	18.3	37,894	29.2	9.9
Pennsylvania	11,793,909	100.0	356,300	100.0	3.0
Philadelphia	1,948,609	16.5	28,765	8.1	1.5
Pittsburgh	520,117	4.4	10,752	3.0	2.1
Total	2,468,726	20.9	39,517	11.1	1.6
Tennessee	3,924,164	100.0	163,064	100.0	4.2
Memphsis	623,530	15.9	24,026	14.7	3.9
Nashville-Davidson	447,877	11.4	10,032	6.2	2.2
Total	1,071,407	27.3	34,058	20.9	3.2
Texas	11,196,730	100.0	711,036	100.0	6.4
Austin	251,808	2.2	22,547	3.2	9.0
Dallas	844,401	7.5	66,565	9.4	7.9
El Paso	322,261	2.9	14,057	2.0	4.4
Fort Worth	393,476	3.5	23,730	3.3	6.0
Houston	1,232,802	11.0	43,315	6.1	3.5
San Antonio	654,153	5.8	21,892	3.1	3.3
Total	3,698,901	33.0	192,106	27.0	5.2
Virginia	4,648,494	100.0	371,815	100.0	8.0
Norfolk	307,951	6.6	21,087	5.7	6.8
Washington	3,409,169	100.0	262,871	100.0	7.7
Seattle	530,831	15.6	23,444	8.9	4.4
Wisconsin	4,417,933	100.0	301,907	100.0	6.8
Milwaukee	717,099	16.2	41,958	14.0	5.9

Table 2 - AMOUNT AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION EXPENDITURES IN MAJOR CITIES, BY SOURCE, FY 1973
(In Thousands)

State and City	Total		Federal		State/Local	
	Amount	Percentage	Amount	Percentage	Amount	Percentage
U.S. Total	$3,033,658	100.0	$482,391	100.0	$2,551,267	100.0
Major City Total 1/	389,413	12.8	55,353	11.5	334,060	13.1
Alabama	37,906	100.0	10,289	100.0	27,617	100.0
Birmingham	1,080	2.8	474	4.6	606	2.2
Arizona	21,773	100.0	4,793	100.0	16,980	100.0
Phoenix	6,411	29.4	925	19.3	5,487	32.3
Tucson	3,469	15.9	650	13.6	2,818	16.6
Total	9,880	45.3	1,575	32.9	8,305	48.9
California	276,170	100.0	37,603	100.0	238,567	100.0
Long Beach	4,382	1.6	640	1.7	3,742	1.6
Los Angeles	48,268	17.5	4,207	11.2	44,060	18.5
Oakland	7,464	2.7	786	2.1	6,678	2.8
Sacramento	6,697	2.4	759	2.0	5,938	2.5
San Diego	8,533	3.1	1,122	3.0	7,411	3.1
San Francisco	7,867	2.8	1,015	2.7	6,852	2.9
San Jose	4,033	1.5	424	1.1	3,609	1.5
Total	87,245	31.6	8,953	23.8	78,292	32.8
Colorado	33,634	100.0	5,578	100.0	28,056	100.0
Denver	5,099	15.1	968	17.4	4,131	14.7
Washington, D.C.	4,630	100.0	2,091	100.0	2,538	100.0
Florida	128,935	100.0	14,749	100.0	114,187	100.0
Jacksonville	9,115	7.1	683	4.6	8,431	7.4
Miami	18,102	14.0	1,363	9.2	16,739	14.7
Tampa	9,558	7.4	1,174	8.0	8,384	7.3
Total	36,774	28.5	3,220	21.8	33,554	29.4
Georgia	48,025	100.0	12,447	100.0	35,578	100.0
Atlanta	4,020	8.4	1,009	8.1	3,010	8.5
Hawaii	8,085	100.0	2,100	100.0	5,985	100.0
Honolulu	5,559	68.8	1,315	62.6	4,244	70.9
Illinois	209,711	100.0	20,580	100.0	189,131	100.0
Chicago	41,647	19.9	4,186	20.3	37,461	19.8
Indiana	34,928	100.0	11,052	100.0	23,877	100.0
Indianapolis	2,649	7.6	795	7.2	1,855	7.8
Kansas	21,341	100.0	5,261	100.0	16,080	100.0
Wichita	2,718	12.7	648	12.3	2,069	12.9
Kentucky	32,738	100.0	8,872	100.0	23,866	100.0
Louisville	2,174	6.6	450	5.1	1,724	7.2
Louisiana	38,347	100.0	11,195	100.0	27,152	100.0
New Orleans	4,093	10.7	1,237	11.0	2,856	10.5
Maryland	73,091	100.0	8,653	100.0	64,438	100.0
Baltimore	17,166	23.5	2,146	24.8	15,020	23.3
Massachusetts	145,390	100.0	12,586	100.0	132,804	100.0
Boston	6,202	4.3	454	3.6	5,748	4.3
Michigan	75,236	100.0	19,905	100.0	55,331	100.0
Detroit	3,945	5.2	594	3.0	3,351	6.1
Minnesota	84,787	100.0	8,573	100.0	76,214	100.0
Minneapolis	6,056	7.1	696	8.1	5,360	7.0
St. Paul	6,622	7.8	850	9.9	5,772	7.6
Total	12,678	14.9	1,545	18.0	11,132	14.6

Table 2 - AMOUNT AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION EXPENDITURES IN MAJOR CITIES, BY SOURCE, FY 1973 (Cont'd)
(In Thousands)

State and City	Total		Federal		State/Local	
	Amount	Percentage	Amount	Percentage	Amount	Percentage
Missouri	$ 48,177	100.0	$ 11,951	100.0	$ 36,225	100.0
Kansas City	4,022	8.3	1,284	10.8	2,738	7.6
St. Louis	5,664	11.8	971	8.1	4,693	13.0
Total	9,686	20.1	2,255	18.9	7,431	20.5
Nebraska	15,001	100.0	3,927	100.0	11,074	100.0
Omaha	2,676	17.8	700	17.8	1,977	17.9
New Jersey	62,273	100.0	12,471	100.0	49,802	100.0
Jersey City	1,188	1.9	208	1.7	980	2.0
Newark	3,475	5.6	355	2.8	3,120	6.3
Total	4,663	7.5	563	4.5	4,100	8.2
New Mexico	15,311	100.0	3,021	100.0	12,290	100.0
Albuquerque	3,972	25.9	573	19.0	3,400	27.7
North Carolina	113,316	100.0	16,171	100.0	97,145	100.0
Charlotte	7,365	6.5	668	4.1	6,697	6.9
Ohio	148,708	100.0	23,521	100.0	125,187	100.0
Akron	2,652	1.8	760	3.2	1,893	1.5
Cincinnati	2,471	1.7	884	3.8	1,587	1.3
Cleveland	7,862	5.3	2,374	10.1	5,488	4.4
Columbus	2,763	1.9	945	4.0	1,818	1.5
Dayton	---	---	---	---	---	---
Toledo	4,259	2.9	1,324	5.6	2,935	2.3
Total	20,008	13.5	6,286	26.7	13,722	11.0
Oklahoma	29,502	100.0	6,667	100.0	22,836	100.0
Oklahoma City	1,855	6.3	365	5.5	1,490	6.5
Tulsa	1,892	6.4	480	7.2	1,411	6.2
Total	3,747	12.7	846	12.7	2,901	12.7
Oregon	53,436	100.0	4,674	100.0	48,763	100.0
Portland	16,458	30.8	1,412	30.2	15,046	30.9
Pennsylvania	169,146	100.0	24,145	100.0	145,002	100.0
Philadelphia	13,929	8.2	2,278	9.4	11,651	8.0
Pittsburgh	9,186	5.4	1,779	7.4	7,407	5.1
Total	23,115	13.6	4,057	16.8	19,058	13.1
Tennessee	45,867	100.0	10,904	100.0	34,963	100.0
Memphis	4,298	9.4	1,341	12.3	2,957	8.4
Nashville-Davidson	2,407	5.2	633	5.8	1,774	5.1
Total	6,704	14.6	1,974	18.1	4,731	13.5
Texas	150,658	100.0	33,488	100.0	117,170	100.0
Austin	1,361	0.9	242	0.7	1,119	1.0
Dallas	4,374	2.9	603	1.8	3,771	3.2
El Paso	1,375	0.9	291	0.9	1,084	0.9
Fort Worth	2,156	1.4	364	1.1	1,792	1.5
Houston	4,753	3.2	594	1.8	4,159	3.5
San Antonio	1,587	1.1	277	0.8	1,310	1.1
Total	15,605	10.4	2,371	7.1	13,234	11.3
Virginia	50,803	100.0	11,506	100.0	39,297	100.0
Norfolk	2,057	4.0	387	3.4	1,670	4.2
Washington	68,678	100.0	7,325	100.0	61,354	100.0
Seattle	8,922	13.0	561	7.7	8,362	13.6
Wisconsin	84,686	100.0	10,205	100.0	74,481	100.0
Milwaukee	16,877	19.9	1,044	10.2	15,833	21.3

1/ No report for Dayton, Oh.

Table 3 - SECONDARY VOCATIONAL EDUCATION ENROLLMENT RELATED TO EXPENDITURES, FY 1973

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
U.S. Total	7,353,962	100.0	$1,998,732	100.0	$ 271
Major City Total	901,383	12.3	226,880 1/	11.4	252
Alabama	11[illegible],496	100.0	24,032	100.0	213
Birmingham	4,428	3.9	1,046	4.4	236
Arizona	63,090	100.0	13,639	100.0	216
Phoenix	32,906	52.2	2,804	20.6	85
Tucson	9,957	15.8	1,967	14.4	197
Total	42,863	68.0	4,771	35.0	111
California	542,[illegible]36	100.0	137,519	100.0	253
Long Beach	4,985	0.9	1,250	0.9	250
Los Angeles	69,994	12.9	24,954	18.1	356
Oakland	8,837	1.6	2,345	1.7	265
Sacramento	5,151	0.9	1,408	1.0	273
San Diego	9,202	1.7	2,142	1.6	232
San Francisco	9,058	1.7	3,396	2.5	374
San Jose	7,500	1.4	1,918	1.4	255
Total	114,727	21.2	37,413	27.2	326
Colorado	53,960	100.0	23,830	100.0	441
Denver	[illegible],623	17.8	3,040	12.8	315
Washington, D.C.	12,383	100.0	3,450	100.0	278
Florida	385,949	100.0	80,215	100.0	207
Jacksonville	29,177	7.6	5,525	[illegible] 9	189
Miami	41,330	10.7	8,944	11.1	216
Tampa	34,117	8.8	7,926	9.9	232
Total	104,624	27.1	22,395	27.9	214
Georgia	226,504	100.0	27,655	100.0	122
Atlanta	13,082	5.8	1,942	7.0	148
Hawaii	20,230	100.0	3,114	100.0	153
Honolulu	15,223	75.2	2,255	72.4	148
Illinois	962,439	100.0	163,744	100.0	170
Chicago	126,012	13.1	35,523	21.7	281
Indiana	105,760	100.0	27,674	100.0	261
Indianapolis	2,783	2.6	1,577	5.7	566
Kansas	47,600	100.0	13,883	100.0	291
Wichita	8,580	18.0	2,033	14.6	236
Kentucky	111,510	100.0	21,265	100.0	190
Louisville	9,815	8.8	1,809	8.5	184
Louisiana	130,352	100.0	26,431	100.0	202
New Orleans	7,927	6.1	2,361	8.9	297
Maryland	182,217	100.0	59,442	100.0	326
Baltimore	33,080	18.2	14,177	23.9	428
Massachusetts	131,750	100.0	126,853	100.0	962
Boston	13,738	10.4	5,951	4.7	433
Michigan	185,978	100.0	49,023	100.0	263
Detroit	28,226	15.2	3,906	8.0	138
Minnesota	153,552	100.0	23,576	100.0	153
Minneapolis	6,423	4.2	3,111	13.2	484
St. Paul	4,861	3.2	1,745	7.4	358
Total	11,284	7.4	4,856	20.6	430

Table 3 - SECONDARY VOCATIONAL EDUCATION ENROLLMENT RELATED TO EXPENDITURES, FY 1973 (Cont'd)

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
Missouri	73,116	100.0	$ 38,834	100.0	$ 531
Kansas City	1,347	1.8	2,226	5.7	1,652
St. Louis	7,194	9.8	3,123	8.1	434
Total	8,541	11.6	5,349	13.8	626
Nebraska	48,458	100.0	7,403	100.0	152
Omaha	8,364	17.3	1,580	21.3	188
New Jersey	246,272	100.0	52,476	100.0	213
Jersey City	6,731	2.7	1,172	2.2	174
Newark	14,327	5.8	3,104	5.9	216
Total	21,058	8.5	4,276	8.1	203
New Mexico	53,762	100.0	7,628	100.0	141
Albuquerque	7,949	14.8	1,248	16.4	157
North Carolina	255,212	100.0	51,128	100.0	200
Charlotte	14,229	5.6	2,001	3.9	140
Ohio	363,238	100.0	116,991	100.0	322
Akron	14,600	4.0	2,269	1.9	155
Cincinnati	16,449	4.5	2,096	1.8	127
Cleveland	27,448	7.6	6,305	5.4	229
Columbus	9,417	2.6	1,776	1.5	188
Dayton	20,987	5.8	---	---	---
Toledo	21,972	6.0	3,174	2.7	144
Total	110,873	30.5	15,620	13.4	167
Oklahoma	69,022	100.0	21,844	100.0	316
Oklahoma City	3,561	5.2	1,158	5.3	325
Tulsa	2,219	3.2	1,099	5.0	495
Total	5,780	8.4	2,257	10.3	390
Oregon	71,271	100.0	17,128	100.0	240
Portland	17,596	24.7	4,869	28.4	276
Pennsylvania	213,340	100.0	141,037	100.0	661
Philadelphia	22,356	10.5	11,201	7.9	501
Pittsburgh	8,199	3.8	7,160	5.1	873
Total	30,555	14.3	18,361	13.0	600
Tennessee	97,992	100.0	23,897	100.0	243
Memphis	11,966	12.2	2,715	11.4	226
Nashville-Davidson	4,357	4.4	1,670	7.0	383
Total	16,323	16.6	4,385	18.4	268
Texas	349,478	100.0	108,031	100.0	309
Austin	8,084	2.3	1,279	1.2	158
Dallas	15,310	4.4	3,823	3.5	249
El Paso	5,083	1.5	1,209	1.1	237
Fort Worth	12,553	3.6	1,923	1.8	153
Houston	23,374	6.7	4,534	4.2	193
San Antonio	5,606	1.6	1,385	1.3	247
Total	70,010	20.0	14,153	13.1	200
Virginia	230,143	100.0	43,954	100.0	190
Norfolk	11,485	5.0	1,187	2.7	103
Washington	119,761	100.0	40,704	100.0	339
Seattle	8,854	7.4	2,337	5.7	263
Wisconsin	130,563	100.0	9,264	100.0	70
Milwaukee	11,368	8.7	752	8.1	66

1/ No report for Dayton, Oh.

Table 4 - POSTSECONDARY VOCATIONAL EDUCATION ENROLLMENT RELATED TO EXPENDITURES, FY 1973

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
U.S. Total	1,349,731	100.0	$843,402	100.0	$ 624
Major City Total	307,192	22.8	124,303 1/	14.7	405
Alabama	20,812	100.0	13,431	100.0	645
Birmingham	816	3.9	0	0	---
Arizona	53,218	100.0	7,135	100.0	134
Phoenix	32,876	61.8	3,501	49.1	106
Tucson	8,176	15.4	1,195	16.7	146
Total	41,052	77.2	4,696	65.8	114
California	302,327	100.0	110,036	100.0	363
Long Beach	10,178	3.4	2,586	2.4	254
Los Angeles	25,857	8.6	18,103	16.5	700
Oakland	18,105	6.0	3,197	2.9	176
Sacramento	10,714	3.5	5,030	4.6	469
San Diego	5,647	1.9	4,603	4.2	815
San Francisco	9,353	3.1	3,269	3.0	349
San Jose	1,466	0.5	1,397	1.3	952
Total	81,320	27.0	38,185	34.7	469
Colorado	18,136	100.0	8,764	100.0	483
Denver	3,884	21.4	1,364	15.6	351
Washington, D.C.	892	100.0	946	100.0	1,060
Florida	110,825	100.0	35,776	100.0	322
Jacksonville	10,906	9.8	1,956	5.5	179
Miami	27,439	24.8	6,285	17.6	229
Tampa	1,458	1.3	938	2.6	643
Total	39,803	35.9	9,179	25.7	230
Georgia	26,769	100.0	17,779	100.0	664
Atlanta	3,414	12.8	1,588	8.9	465
Hawaii	11,640	100.0	4,472	100.0	384
Honolulu	8,609	74.0	2,958	66.1	343
Illinois	77,870	100.0	37,675	100.0	483
Chicago	24,207	31.1	5,610	14.9	231
Indiana	7,990	100.0	6,515	100.0	815
Indianapolis	939	11.8	1,007	15.5	1,072
Kansas	7,935	100.0	6,572	100.0	828
Wichita	889	11.2	454	6.9	510
Kentucky	12,900	100.0	8,340	100.0	646
Louisville	505	3.9	204	2.4	403
Louisiana	22,125	100.0	9,916	100.0	448
New Orleans	5,904	26.7	1,686	17.0	285
Maryland	19,170	100.0	12,942	100.0	675
Baltimore	2,559	13.3	2,808	21.7	1,097
Massachusetts	14,322	100.0	15,222	100.0	1,062
Boston	707	4.9	126	0.8	178
Michigan	57,800	100.0	24,073	100.0	416
Detroit	135	0.2	0	0	---
Minnesota	24,239	100.0	55,758	100.0	2,300
Minneapolis	1,279	5.3	2,593	4.7	2,027
St. Paul	2,894	11.9	3,546	6.4	1,225
Total	4,173	17.2	6,139	11.1	1,471

Table 4 - POSTSECONDARY VOCATIONAL EDUCATION ENROLLMENT RELATED TO EXPENDITURES, FY 1973 (Cont'd)

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
Missouri	8,678	100.0	$ 7,880	100.0	$ 908
Kansas City	2,430	28.0	1,680	21.3	691
St. Louis	810	9.3	2,209	28.0	2,727
Total	3,240	37.3	3,889	49.4	1,200
Nebraska	8,189	100.0	6,956	100.0	849
Omaha	1,137	13.9	833	12.0	732
New Jersey	21,147	100.0	7,198	100.0	340
Jersey City	0	0	0	0	0
Newark	1,300	6.1	194	2.7	149
Total	1,300	6.1	194	2.7	149
New Mexico	5,055	100.0	6,952	100.0	1,375
Albuquerque	2,851	56.4	2,473	35.6	867
North Carolina	54,650	100.0	56,510	100.0	1,034
Charlotte	7,563	13.8	4,813	8.5	636
Ohio	22,537	100.0	17,278	100.0	766
Akron	265	1.2	175	1.0	660
Cincinnati	372	1.7	116	0.7	311
Cleveland	2,417	10.7	535	3.1	221
Columbus	460	2.0	287	1.7	623
Dayton	303	1.3	---	---	---
Toledo	559	2.5	158	0.9	282
Total	4,376	19.4	1,271	7.4	312
Oklahoma	8,174	100.0	5,060	100.0	619
Oklahoma City	730	8.9	393	7.8	538
Tulsa	1,147	14.0	685	13.5	597
Total	1,877	22.9	1,078	21.3	574
Oregon	25,561	100.0	32,729	100.0	1,280
Portland	12,112	47.4	10,902	33.3	900
Pennsylvania	31,860	100.0	22,666	100.0	711
Philadelphia	1,061	3.3	549	2.4	517
Pittsburgh	867	2.7	1,780	7.9	2,053
Total	1,928	6.0	2,329	10.3	1,207
Tennessee	20,695	100.0	17,839	100.0	861
Memphis	3,804	18.4	1,062	6.0	279
Nashville-Davidson	2,166	10.5	636	3.6	293
Total	5,970	28.9	1,698	9.6	284
Texas	62,708	100.0	35,443	100.0	565
Austin	3,110	5.0	1	0	---
Dallas	5,669	9.0	164	0.5	28
El Paso	520	0.8	0	0	---
Fort Worth	5,981	9.5	44	0.1	7
Houston	3,774	6.0	0	0	---
San Antonio	4,785	7.6	72	0.2	15
Total	23,839	38.0	281	0.8	11
Virginia	22,007	100.0	4,344	100.0	197
Norfolk	1,030	4.7	645	14.8	626
Washington	36,607	100.0	26,308	100.0	718
Seattle	3,896	10.6	5,357	20.4	1,375
Wisconsin	61,085	100.0	59,756	100.0	702
Milwaukee	16,265	26.6	11,590	19.4	712

1/ No report for Dayton, Oh.

Table 5 - ADULT VOCATIONAL EDUCATION ENROLLMENT RELATED TO EXPENDITURES, FY 1973

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
U.S. Total	3,368,752	100.0	$191,528	100.0	$ 56
Major City Total	642,047	19.1	38,208 1/	19.9	59
Alabama	52,889	100.0	443	100.0	8
Birmingham	1,190	2.2	33	7.4	27
Arizona	18,683	100.0	999	100.0	53
Phoenix	8,829	47.3	106	10.6	12
Tucson	4,138	22.1	305	30.5	73
Total	12,967	69.4	411	41.1	31
California	382,994	100.0	28,615	100.0	74
Long Beach	10,225	2.7	545	1.9	53
Los Angeles	55,443	14.5	5,210	18.2	94
Oakland	10,951	2.9	1,922	6.7	175
Sacramento	4,730	1.2	257	0.9	54
San Diego	46,312	12.1	1,788	6.2	38
San Francisco	16,114	4.2	1,202	4.2	63
San Jose	18,530	4.8	718	2.5	38
Total	162,305	42.4	11,642	40.7	71
Colorado	37,303	100.0	1,040	100.0	27
Denver	22,692	60.8	695	66.8	30
Washington, D.C.	2,954	100.0	233	100.0	78
Florida	212,232	100.0	12,944	100.0	60
Jacksonville	32,153	15.2	1,633	12.6	50
Miami	38,315	18.1	2,873	22.2	75
Tampa	22,602	10.6	694	5.4	30
Total	93,070	43.9	5,200	40.2	56
Georgia	90,804	100.0	2,591	100.0	28
Atlanta	11,420	12.6	489	18.9	43
Hawaii	11,224	100.0	500	100.0	44
Honolulu	9,138	81.4	345	69.0	37
Illinois	50,313	100.0	8,290	100.0	164
Chicago	13,800	27.4	514	6.2	37
Indiana	43,602	100.0	740	100.0	16
Indianapolis	2,544	5.8	66	8.9	25
Kansas	42,547	100.0	886	100.0	20
Wichita	6,709	15.8	230	26.0	34
Kentucky	60,909	100.0	3,133	100.0	51
Louisville	10,862	17.8	161	5.1	15
Louisiana	32,561	100.0	2,000	100.0	61
New Orleans	3,349	10.3	45	2.3	13
Maryland	30,626	100.0	898	100.0	29
Baltimore	3,309	10.8	180	20.0	54
Massachusetts	29,986	100.0	3,313	100.0	110
Boston	2,611	8.7	126	3.8	48
Michigan	107,295	100.0	2,133	100.0	19
Detroit	7,989	7.4	38	1.8	5
Minnesota	118,633	100.0	5,513	100.0	46
Minneapolis	12,581	10.6	352	6.4	28
St. Paul	17,024	14.4	1,331	24.1	78
Total	29,605	25.0	1,683	30.5	57

Table 5 - ADULT VOCATIONAL EDUCATION ENROLLMENT RELATED TO EXPENDITURES, FY 1973 (Cont'd)

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
Missouri	21,686	100.0	$ 1,461	100.0	$ 67
Kansas City	1,905	8.8	117	8.0	61
St. Louis	2,795	12.9	332	22.7	119
Total	4,700	21.7	449	30.7	95
Nebraska	27,331	100.0	642	100.0	23
Omaha	5,596	20.5	264	41.1	47
New Jersey	96,087	100.0	2,600	100.0	27
Jersey City	0	0	16	0.6	--
Newark	5,871	6.1	117	6.8	30
Total	5,871	6.1	193	7.4	33
New Mexico	7,161	100.0	730	100.0	101
Albuquerque	5,331	74.4	251	34.4	47
North Carolina	234,753	100.0	5,677	100.0	24
Charlotte	9,419	4.0	550	9.7	58
Ohio	200,907	100.0	14,439	100.0	71
Akron	1,392	0.7	209	1.4	150
Cincinnati	899	0.4	259	1.8	288
Cleveland	9,619	4.8	1,022	7.1	106
Columbus	5,075	2.5	701	4.9	138
Dayton	8,803	4.4	---	---	---
Toledo	23,733	11.8	927	6.4	39
Total	49,521	24.6	3,118	21.6	77
Oklahoma	35,169	100.0	2,597	100.0	73
Oklahoma City	4,459	12.7	303	11.7	68
Tulsa	1,803	5.1	107	4.1	59
Total	6,262	17.8	410	15.8	65
Oregon	32,979	100.0	3,579	100.0	108
Portland	8,186	24.8	686	19.2	84
Pennsylvania	111,100	100.0	5,443	100.0	48
Philadelphia	5,348	4.8	2,178	40.0	407
Pittsburgh	1,686	1.5	246	4.5	146
Total	7,034	6.3	2,424	44.5	344
Tennessee	44,377	100.0	4,130	100.0	93
Memphis	8,256	18.6	521	12.6	63
Nashville-Davidson	3,509	7.9	100	2.4	28
Total	11,765	26.5	621	15.0	53
Texas	298,850	100.0	7,186	100.0	24
Austin	11,353	3.8	80	1.1	7
Dallas	45,586	15.3	386	5.4	8
El Paso	8,454	2.8	163	2.3	19
Fort Worth	5,196	1.7	187	2.6	36
Houston	16,167	5.4	218	3.0	13
San Antonio	11,501	3.8	128	1.8	11
Total	98,257	32.9	1,162	16.2	12
Virginia	119,665	100.0	2,504	100.0	20
Norfolk	8,572	7.2	225	9.0	26
Washington	106,503	100.0	,665	100.0	15
Seattle	10,694	10.0	1,229	73.8	115
Wisconsin	110,259	100.0	15,666	100.0	142
Milwaukee	14,325	13.0	4,535	28.9	316

1/ No report for Dayton, Oh.

Table 6 - VOCATIONAL EDUCATION ENROLLMENT OF DISADVANTAGED RELATED TO EXPENDITURES, FY 1973

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
U.S. Total	1,601,634	100.0	$316,757	100.0	$ 197
Major City Total	384,729	24.0	53,800 1/	17.0	140
Alabama	21,206	100.0	2,919	100.0	137
Birmingham	918	4.3	362	12.4	394
Arizona	13,896	100.0	1,540	100.0	110
Phoenix	4,943	35.6	174	11.3	35
Tucson	3,188	22.9	180	11.7	56
Total	8,131	58.5	354	30.0	44
California	144,656	100.0	17,239	100.0	119
Long Beach	1,106	0.8	281	1.6	254
Los Angeles	31,425	21.7	4,431	25.7	141
Oakland	4,765	3.3	323	1.9	68
Sacramento	1,450	1.0	260	1.5	179
San Diego	11,390	7.9	829	4.8	73
San Francisco	2,001	1.4	355	2.1	18
San Jose	1,763	1.2	257	1.5	146
Total	53,900	37.3	6,737	39.1	125
Colorado	2,277	100.0	1,369	100.0	601
Denver	181	7.9	229	16.7	1,265
Washington, D.C.	7,112	100.0	223	100.0	31
Florida	70,883	100.0	19,494	100.0	275
Jacksonville	9,038	12.8	972	5.0	108
Miami	6,928	9.8	3,788	19.4	547
Tampa	9,708	13.7	1,556	8.0	160
Total	25,674	36.2	6,316	32.4	246
Georgia	63,927	100.0	2,971	100.0	46
Atlanta	12,388	19.4	100	3.4	8
Hawaii	7,798	100.0	817	100.0	104
Honolulu	4,760	61.0	459	56.2	96
Illinois	121,730	100.0	36,813	100.0	302
Chicago	76,3.0	62.7	1,932	5.2	25
Indiana	4,578	100.0	2,927	100.0	639
Indianapolis	256	5.6	465	15.9	1,816
Kansas	9,891	100.0	1,611	100.0	162
Wichita	2,472	25.0	85	5.3	34
Kentucky	27,818	100.0	3,242	100.0	116
Louisville	6,663	24.0	393	12.1	59
Louisiana	75,379	100.0	8,988	100.0	119
New Orleans	7,970	10.6	1,172	13.0	120
Maryland	11,965	100.0	6,099	100.0	509
Baltimore	3,205	26.8	4,080	66.9	1,273
Massachusetts	8,122	100.0	5,687	100.0	700
Boston	1,010	12.4	134	2.4	133
Michigan	7,969	100.0	3,400	100.0	426
Detroit	610	7.7	175	5.1	287
Minnesota	7,813	100.0	4,504	100.0	576
Minneapolis	1,047	13.4	1,862	41.3	1,778
St. Paul	2,035	26.0	1,330	29.5	654
Total	3,082	39.4	3,193	70.9	1,036

Table 6 - VOCATIONAL EDUCATION ENROLLMENT OF DISADVANTAGED RELATED TO EXPENDITURES, FY 1973 (Cont'd)

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
Missouri	12,210	100.0	$ 2,949	100.0	$ 241
Kansas City	573	4.7	602	20.4	1,051
St. Louis	1,496	12.3	257	8.7	172
Total	2,069	16.9	858	29.1	415
Nebraska	8,500	100.0	1,627	100.0	191
Omaha	1,490	17.5	359	22.1	24
New Jersey	18,841	100.0	7,737	100.0	410
Jersey City	2,543	13.5	1,048	13.5	412
Newark	3,770	20.0	1,554	20.1	412
Total	6,313	33.5	2,603	33.6	412
New Mexico	25,743	100.0	2,882	100.0	111
Albuquerque	5,145	20.0	384	13.3	75
North Carolina	29,991	100.0	4,670	100.0	156
Charlotte	3,537	11.8	159	3.4	45
Ohio	83,425	100.0	20,854	100.0	249
Akron	2,599	3.1	789	3.8	304
Cincinnati	5,830	7.0	870	4.2	149
Cleveland	10,728	12.9	2,208	10.6	206
Columbus	3,322	4.0	867	4.2	261
Dayton	6,246	7.5	---	---	---
Toledo	14,265	17.1	1,784	8.6	125
Total	42,990	51.5	6,518	31.3	177
Oklahoma	18,827	100.0	6,755	100.0	358
Oklahoma City	1,215	6.5	659	9.8	542
Tulsa	329	1.7	130	1.9	395
Total	1,544	8.2	789	11.7	511
Oregon	16,413	100.0	1,398	100.0	85
Portland	9,736	59.3	454	32.5	47
Pennsylvania	36,034	100.0	15,830	100.0	439
Philadelphia	17,727	49.2	6,537	41.3	369
Pittsburgh	3,964	11.0	3,141	19.8	729
Total	21,691	60.2	9,678	61.1	446
Tennessee	29,568	100.0	4,833	100.0	163
Memphis	6,395	21.6	967	20.0	151
Nashville-Davidson	936	3.2	503	10.4	537
Total	7,331	24.8	1,470	30.4	201
Texas	114,846	100.0	13,193	100.0	114
Austin	3,889	3.4	87	0.7	22
Dallas	31,475	27.4	595	4.5	19
El Paso	5,929	5.2	256	1.9	43
Fort Worth	3,646	3.2	270	2.0	74
Houston	7,946	6.9	802	6.1	101
San Antonio	5,007	4.4	114	0.9	23
Total	57,892	50.4	2,124	16.1	37
Virginia	29,511	100.0	5,604	100.0	189
Norfolk	2,571	8.7	62	1.1	24
Washington	18,370	100.0	4,767	100.0	259
Seattle	2,647	14.4	886	18.6	335
Wisconsin	18,497	100.0	4,458	100.0	240
Milwaukee	5,111	27.6	1,049	23.5	205

1/ No report for Dayton, Oh.

Table 7 - VOCATIONAL EDUCATION ENROLLMENT OF HANDICAPPED RELATED TO EXPENDITURES, FY 1973

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
U.S. Total	228,086	100.0	$94,624	100.0	$ 414
Major City Total	36,556	16.0	12,322 1/	13.0	337
Alabama	1,838	100.0	1,171	100.0	636
Birmingham	112	6.1	0	0	---
Arizona	1,466	100.0	504	100.0	344
Phoenix	915	62.4	127	25.2	139
Tucson	372	25.4	187	37.1	502
Total	1,287	87.8	314	62.3	243
California	17,745	100.0	4,290	100.0	241
Long Beach	270	1.5	52	1.2	192
Los Angeles	1,068	6.0	468	10.9	438
Oakland	164	0.9	69	1.6	420
Sacramento	186	1.0	128	3.0	688
San Diego	1,578	8.9	103	2.4	65
San Francisco	170	1.0	87	2.0	511
San Jose	772	4.4	61	1.4	79
Total	4,208	23.7	969	22.6	230
Colorado	2,060	100.0	1,732	100.0	840
Denver	393	19.1	357	20.6	908
Washington, D.C.	392	100.0	154	100.0	395
Florida	11,245	100.0	4,339	100.0	385
Jacksonville	740	6.6	95	2.2	128
Miami	1,021	9.1	595	13.7	582
Tampa	1,587	4.1	927	21.4	584
Total	3,348	29.8	1,617	37.3	482
Georgia	12,076	100.0	1,266	100.0	104
Atlanta	1,139	9.4	43	3.4	33
Hawaii	839	100.0	214	100.0	255
Honolulu	680	81.0	178	83.2	261
Illinois	14,597	100.0	20,324	100.0	1,392
Chicago	659	4.5	899	4.4	1,364
Indiana	2,076	100.0	1,114	100.0	536
Indianapolis	75	3.6	0	0	---
Kansas	3,061	100.0	672	100.0	219
Wichita	476	15.6	109	16.2	228
Kentucky	3,061	100.0	1,388	100.0	453
Louisville	2	---	0	0	---
Louisiana	1,303	100.0	2,304	100.0	1,767
New Orleans	0	0	35	1.5	---
Maryland	5,058	100.0	1,238	100.0	244
Baltimore	2,493	49.3	741	60.0	297
Massachusetts	1,642	100.0	1,830	100.0	1,114
Boston	0	0	0	0	0
Michigan	3,622	100.0	1,324	100.0	365
Detroit	196	5.4	27	2.0	137
Minnesota	2,205	100.0	1,736	100.0	787
Minneapolis	699	31.7	92	5.3	131
St. Paul	651	29.5	223	12.8	342
Total	1,350	61.2	316	18.2	234

Table 7 - VOCATIONAL EDUCATION ENROLLMENT OF HANDICAPPED RELATED TO EXPENDITURES, FY 1973 (Cont'd)

State and City	Enrollment	Percentage	Expenditures (000's)	Percentage	Expenditures Per Enrollee
Missouri	3,959	100.0	$ 1,155	100.0	$ 291
Kansas City	29	0.7	100	8.7	3,448
St. Louis	229	5.8	0	0	---
Total	258	6.5	100	8.7	293
Nebraska	3,022	100.0	471	100.0	155
Omaha	286	9.5	105	22.3	367
New Jersey	5,260	100.0	2,480	100.0	471
Jersey City	245	4.7	123	5.0	502
Newark	535	10.2	253	10.2	472
Total	780	14.8	375	15.1	480
New Mexico	5,895	100.0	416	100.0	70
Albuquerque	535	9.1	64	15.4	119
North Carolina	4,957	100.0	2,241	100.0	452
Charlotte	231	4.7	33	1.5	142
Ohio	16,221	100.0	3,144	100.0	193
Akron	452	2.8	133	4.2	294
Cincinnati	1,943	12.0	291	9.3	149
Cleveland	1,588	9.8	940	29.9	591
Columbus	329	2.0	277	8.8	841
Dayton	347	2.1	---	---	---
Toledo	995	6.1	194	6.2	194
Total	5,654	34.9	1,835	58.4	345
Oklahoma	10,341	100.0	889	100.0	85
Oklahoma City	288	2.8	34	3.8	118
Tulsa	553	5.3	79	8.9	142
Total	841	8.1	114	12.8	135
Oregon	2,330	100.0	759	100.0	326
Portland	792	40.0	211	27.8	266
Pennsylvania	13,434	100.0	5,043	100.0	375
Philadelphia	1,606	12.0	1,625	32.2	1,011
Pittsburgh	523	3.9	719	14.3	1,374
Total	2,129	15.8	2,343	46 5	1,100
Tennessee	5,160	100.0	1,697	100.0	328
Memphis	1,048	20.3	143	8.4	136
Nashville-Davidson	99	1.9	48	2.8	484
Total	1,147	22.2	190	11.2	165
Texas	11,920	100.0	3,300	100.0	276
Austin	267	2.2	0	0	---
Dallas	4,087	34.3	24	0.7	5
El Paso	1,021	8.6	34	1.0	33
Fort Worth	121	1.0	43	1.3	355
Houston	231	1.9	31	0.9	134
San Antonio	28	0.2	0	0	---
Total	5,755	48.2	133	4.0	23
Virginia	11,299	100.0	1,930	100.0	170
Norfolk	217	1.9	0	0	---
Washington	6,196	100.0	2,428	100.0	391
Seattle	928	15.0	675	27.8	727
Wisconsin	4,777	100.0	1,354	100.0	283
Milwaukee	193	4.0	383	28.3	1,984

1/ No report for Dayton, Oh.

Table 8 - NUMBER AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION TEACHERS IN MAJOR CITIES AND RELATIONSHIP TO ENROLLMENT, FY 1973

State and City	Number of Teachers	Percentage	Total Average Enrollees Per Teacher
U.S. Total	243,514	100.0	49.6
Major City Total	40,671 1/	16.7	46.5
Alabama	2,565	100.0	72.6
Birmingham	170	6.6	37.8
Arziona	2,054	100.0	65.7
Phoenix	1,096	53.4	68.1
Tucson	466	22.7	47.8
Total	1,562	76.1	62.0
California	25,291	100.0	48.5
Long Beach	451	1.8	56.3
Los Angeles	3,397	13.4	44.5
Oakland	540	2.1	70.1
Sacramento	589	2.3	35.0
San Diego	1,023	4.0	60.0
San Francisco	765	3.0	45.1
San Jose	783	3.1	35.1
Total	7,548	29.8	47.5
Colorado	3,264	100.0	33.5
Denver	1,093	33.5	33.1
Washington, D.C.	264	100.0	61.5
Florida	10,340	100.0	68.6
Jacksonville	2,011	19.4	35.9
Miami	1,923	18.6	55.7
Tampa	874	8.5	66.6
Total	4,808	46.5	49.4
Georgia	5,842	100.0	58.9
Atlanta	702	12.0	39.8
Hawaii	998	100.0	43.2
Honolulu	706	70.7	46.7
Illinois	12,778	100.0	85.4
Chicago	2,250	17.6	72.9
Indiana	3,226	100.0	48.8
Indianapolis	318	9.9	19.7
Kansas	2,030	100.0	48.3
Wichita	294	14.5	55.0
Kentucky	3,661	100.0	50.6
Louisville	305	8.3	69.4
Louisiana	3,333	100.0	55.5
New Orleans	459	13.8	37.4
Maryland	4,477	100.0	51.8
Baltimore	814	18.2	41.7
Massachusetts	6,329	100.0	27.8
Boston	673	10.6	25.3
Michigan	8,793	100.0	39.9
Detroit	535	6.1	67.9
Minnesota	5,838	100.0	50.8
Minneapolis	489	8.4	41.5
St. Paul	621	10.6	39.9
Total	1,110	19.0	40.6

Table 8 - NUMBER AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION TEACHERS IN MAJOR CITIES AND RELATIONSHIP TO ENROLLMENT, FY 1973 (Cont'd)

State and City	Number of Teachers	Percentage	Total Average Enrollees Per Teacher
Missouri	4,742	100.0	21.8
Kansas City	454	9.6	12.5
St. Louis	1,037	21.9	10.4
Total	1,491	31.5	11.1
Nebraska	1,755	100.0	47.8
Omaha	377	21.5	40.0
New Mexico	924	100.0	71.4
Albuquerque	301	32.6	53.6
North Carolina	9,292	100.0	58.6
Charlotte	645	6.9	48.4
Ohio	15,874	100.0	37.0
Akron	646	4.1	25.1
Cincinnati	547	3.4	32.4
Cleveland	1,188	7.5	33.2
Columbus	559	3.5	26.7
Dayton	948	6.0	31.7
Toledo	1,077	6.8	43.0
Total	4,965	31.3	33.2
Oklahoma	2,227	100.0	50.5
Oklahoma City	280	12.6	31.3
Tulsa	316	14.2	16.4
Total	596	26.8	23.4
Oregon	3,561	100.0	36.5
Portland	952	26.7	39.8
Pennsylvania	11,058	100.0	32.2
Philadelphia	1,013	9.2	28.4
Pittsburgh	310	2.8	34.7
Total	1,323	12.0	30.0
Tennessee	3,839	100.0	42.5
Memphis	679	17.7	35.4
Nashville-Davidson	285	7.4	35.2
Total	964	25.1	35.3
Texas	12,493	100.0	56.9
Austin	196	1.6	115.0
Dallas	900	7.2	74.0
El Paso	148	1.2	95.0
Forth Worth	560	4.5	42.4
Houston	685	5.5	63.2
San Antonio	599	4.8	36.5
Total	3,088	24.7	62.2
Virginia	6,956	100.0	53.5
Norfolk	346	5.0	60.9
Washington	6,764	100.0	38.9
Seattle	666	9.8	35.2
Wisconsin	7,029	100.0	43.0
Milwaukee	1,346	19.1	31.2

1/ No reports for Jersey City and Newark, N.J.

Table 9 - NUMBER AND PERCENTAGE OF STATES' TOTAL PROGRAM COMPLETIONS AND PLACEMENTS IN MAJOR CITIES, FY 1973

State and City 1/	Total Completions	Percentage	Placed Full-Time	Percentage
Alabama	25,461	100.0	14,179	100.0
Birmingham	947	3.7	410	2.9
Colorado	32,148	100.0	8,864	100.0
Denver	7,277	22.6	2,035	23.0
Washington, D.C.	1,543	100.0	1,004	100.0
Florida	202,298	100.0	73,599	100.0
Jacksonville	44,559	22.0	13,657	18.6
Miami	29,645	14.7	11,277	15.3
Tampa	22,798	11.3	6,384	8.7
Total	97,002	48.0	31,318	42.6
Georgia	32,229	100.0	14,442	100.0
Atlanta	2,775	8.6	1,608	11.1
Hawaii	6,355	100.0	1,233	100.0
Honolulu	923	14.5	366	29.7
Illinois	116,368	100.0	37,875	100.0
Chicago	20,776	17.9	7,746	20.5
Indiana	23,258	100.0	14,090	100.0
Indianapolis	1,038	4.5	609	4.3
Kansas	13,990	100.0	7,202	100.0
Wichita	4,092	29.2	2,206	30.6
Kentucky	35,229	100.0	12,924	100.0
Louisville	2,849	8.1	1,530	11.8
Louisiana	31,612	100.0	12,834	100.0
New Orleans	3,767	11.9	1,808	14.1
Massachusetts	35,144	100.0	15,200	100.0
Boston	3,142	8.9	1,532	10.1
Minnesota	47,835	100.0	29,829	100.0
Minneapolis	3,291	6.9	1,848	6.2
St. Paul	3,807	8.0	2,410	8.1
Total	7,098	14.9	4,258	14.3
Missouri	12,767	100.0	5 362	100.0
Kansas City	165	1.3	88	1.6
St. Louis	731	5.7	343	6.4
Total	896	7.0	431	8.0
Nebraska	13,666	100.0	6,717	100.0
Omaha	2,817	20.6	1,306	19.4

Table 9 - NUMBER AND PERCENTAGE OF STATES' TOTAL PROGRAM COMPLETIONS AND PLACEMENTS IN MAJOR CITIES, FY 1973 (Cont'd)

State and City 1/	Total Completions	Percentage	Placed Full-Time	Percentage
New Jersey	49,651	100.0	25,686	100.0
Jersey City	961	1.9	545	2.1
Newark	2,826	5.7	1,444	5.6
Total	3,787	7.6	1,989	7.7
New Mexico	13,150	100.0	5,550	100.0
Albuquerque	3,706	28.2	2,340	42.2
North Carolina	88,939	100.0	31,765	100.0
Charlotte	4,866	5.5	3,220	10.1
Oklahoma	25,990	100.0	14,088	100.0
Oklahoma City	4,382	16.9	2,276	16.2
Tulsa	1,953	7.5	1,091	7.7
Total	6,335	24.4	3,367	23.9
Pennsylvania	71,299	100.0	21,400	100.0
Philadelphia	7,957	11.2	1,405	6.6
Pittsburgh	2,252	3.2	946	4.4
Total	10,209	14.3	2,351	11.0
Tennessee	40,289	100.0	16,429	100.0
Memphis	8,098	20.1	2,926	17.8
Nashville-Davidson	2,873	7.1	1,043	6.3
Total	10,971	27.2	3,969	24.2
Texas	103,771	100.0	57,218	100.0
Austin	909	0.9	414	0.7
Dallas	14,209	13.7	8,003	14.0
El Paso	1,204	1.2	558	1.0
Fort Worth	3,037	2.9	1,201	2.1
Houston	7,593	7.3	5,768	10.1
San Antonio	1,777	1.7	1,121	2.0
Total	28,729	27.7	17,065	29.8
Virginia	36,306	100.0	11,037	100.0
Norfolk	2,164	6.0	948	8.6
Washington	43,217	100.0	13,150	100.0
Seattle	3,704	8.6	698	5.3
Wisconsin	27,749	100.0	12,900	100.0
Milwaukee	3,529	12.7	1,439	11.2

1/ No reports for Phoenix, Tucson, Long Beach, Los Angeles, Oakland, Sacramento, San Diego, San Francisco, San Jose, Baltimore, Detroit, Akron, Cincinnati, Cleveland, Columbus, Dayton, Toledo, and Portland.

Table 10 - CITIES RANKED ON SELECTED ITEMS, VOCATIONAL EDUCATION, FY 1973

Population -Census	City	Cities Reporting	Voc. Edu. Expenditures	Disadvantaged Expenditures	Handicapped Expenditures	Total Enrollment	Disadvantaged Enrollment	Handicapped Enrollment	Total Completions	Placements	Number of Teachers
2	Chicago	1	2	7	4	1	1	21	4	4	2
3	Los Angeles	2	1	2	9	2	3	9	--	--	1
4	Philadelphia	3	7	1	1	22	4	4	7	21	12
5	Detroit	4	36	46	46	16	52	43	--	--	35
6	Houston	5	24	22	45	10	13	40	8	6	22
7	Baltimore	6	4	3	5	13	33	2	--	--	17
8	Dallas	7	26	26	47	6	2	1	5	3	15
9	Washington, D.C.	8	25	44	20	42	14	30	30	27	51
10	Cleveland	9	13	6	2	12	8	5	--	--	6
11	Indianapolis	10	41	28	--	54	55	51	32	31	43
12	Milwaukee	11	5	14	10	11	22	44	17	20	5
13	San Francisco	12	12	35	32	18	41	46	--	--	19
14	San Diego	13	11	21	28	7	7	7	--	--	11
15	San Antonio	14	51	51	--	32	23	53	29	24	29
16	Boston	15	19	49	--	40	49	--	19	17	24
17	Memphis	16	28	17	21	27	17	10	6	8	23
18	St. Louis	17	21	41	--	48	43	41	37	37	10
19	New Orleans	18	31	13	41	39	12	--	14	15	38
20	Phoenix	19	18	47	24	4	24	15	--	--	7
21	Columbus	20	39	19	13	46	32	38	--	--	32

Table 10 - CITIES RANKED ON SELECTED ITEMS, VOCATIONAL EDUCATION, FY 1973 (Cont'd)

Population -Census	City	Cities Reporting	Voc. Edu. Expenditures	Disadvantaged Expenditures	Handicapped Expenditures	Total Enrollment	Disadvantaged Enrollment	Handicapped Enrollment	Total Completions	Placements	Number of Teachers
22	Seattle	21	10	18	7	28	35	14	16	30	25
23	Jacksonville	22	30	16	30	5	11	18	1	--	3
24	Pittsburgh	23	9	5	6	49	27	26	26	29	45
25	Denver	24	23	43	11	17	56	29	9	13	8
26	Kansas City	25	33	25	29	55	53	52	38	38	39
27	Atlanta	26	34	52	40	23	6	8	25	16	21
29	Cincinnati	27	44	20	12	38	20	3	--	--	33
30	Nashville-Davidson	28	45	27	38	50	50	50	21	26	49
31	San Jose	29	32	40	36	24	42	17	--	--	18
32	Minneapolis	30	20	8	31	37	48	19	18	14	36
33	Fort Worth	31	47	38	39	29	30	48	20	23	31
34	Toledo	32	29	9	17	9	5	13	--	--	9
35	Portland	33	6	30	16	14	9	16	--	--	13
36	Newark	34	37	11	14	33	29	24	23	19	--
37	Oklahoma City	35	50	24	42	51	46	34	11	11	50
38	Oakland	36	14	36	34	15	25	47	--	--	34
39	Louisville	37	46	31	--	34	16	54	22	18	46
40	Long Beach	38	27	37	37	25	47	36	--	--	40
41	Omaha	39	42	34	27	45	44	35	24	22	41
42	Miami	40	3	4	8	3	15	11	2	2	4

Table 10 - CITIES RANKED ON SELECTED ITEMS, VOCATIONAL EDUCATION, FY 1973 (Cont'd)

Population - Census	City	Cities Reporting	Voc. Edu. Expenditures	Disadvantaged Expenditures	Handicapped Expenditures	Total Enrollment	Disadvantaged Enrollment	Handicapped Enrollment	Total Completions	Placements	Number of Teachers
43	Tulsa	41	49	50	33	56	54	23	28	25	44
44	Honolulu	42	22	29	19	19	26	20	35	36	20
45	El Paso	43	52	42	43	47	19	12	31	32	54
46	St. Paul	44	17	12	15	26	40	22	13	9	28
47	Norfolk	45	48	55	--	35	37	42	27	28	42
48	Birmingham	46	55	33	--	53	51	49	34	35	53
50	Tampa	47	8	10	3	8	10	6	3	5	16
51	Wichita	48	40	54	26	43	39	27	12	12	48
52	Akron	49	43	23	22	41	36	28	--	--	26
53	Tucson	50	38	45	18	31	34	31	--	--	37
54	Jersey City	51	54	15	25	52	38	38	33	33	--
55	Sacramento	52	16	39	23	36	45	53	--	--	30
56	Austin	53	53	53	--	30	28	37	36	34	52
58	Albuquerque	54	35	32	35	44	21	25	15	10	47
59	Dayton	55	--	--	--	21	18	32	--	--	14
60	Charlotte	56	15	48	44	20	31	39	10	7	27

-- = No report